

MECHANICAL ENGINEERING (Master of Engineering) ACADEMIC SUMMARY FORM

Student Name: _____ Student Number: _____

Advisor Name: _____ Date of Entry: _____

- Concentration:** **Transportation Systems**
 (choose one) (at least two of the following courses: MENG 5340 FEA, MENG 5580 ICE-I, MENG 5590 ICE-II, MENG 5720 NVH, MENG 5760 Vehicle Dynamics)
- Manufacturing Systems**
 (at least two of the following courses: MENG 5300 Adv Metal Cut, MENG 5320 Adv Metal Form, MENG 5940 Manuf Sys, MENG 5900 Robotics)
- Mechatronics Systems**
 (at least two of the following courses: ENGR 5780 Mechatronics, ENGR 5790 Mechatronics: Simulation and Modeling, ENGR 5520 Sensors and Actuators, MENG 5900 Robotics)
- Thermal Systems and Alternative Energy Conversion**
 (at least two of the following courses: ENGR 5040 Conduction, ENGR 5080 CFD, ENGR 5480 Adv Fluid Mechanics, MENG 5810 Alt Energy Systems)

Thesis Plan: **Non-thesis** **Thesis** (choose one)

Notes:

- Required courses are ENGR 5020 DOE (or equivalent), at least one 5000-level mathematics course and either MENG 5980 Grad Capstone Design (non-thesis plan) or 6 credits of MENG 5990 Masters Thesis courses (for thesis plan)
- Concentration courses must include a minimum of two courses taken from the list of courses for the concentration.
- Only courses with grades of B (3.0) or better can be used as transfer credit with transfer grades not counting in UDM GPA
- All courses must be at the 5000 or greater level except where advanced credit is given
- Final GPA must be B (3.0) or better

Non-thesis Plan: (33 total credits = 30 class room course credits + 3 graduate capstone design project)

Course Number and Name	Credit	Term and Year	Grade
ENGR 5020 DOE or equivalent (Reqrd)	3		
(Reqrd math)			
MENG 5980 Grad Capstone Design (Reqrd)	3		
Total Credits=		Final GPA=	

OR

Thesis Plan: (30 total credits = 24 class room course credits + 6 thesis credits)

Thesis title: _____

Thesis advisor(s): _____

Course Number and Name	Credit	Term and Year	Grade
ENGR 5020 DOE or equivalent (Reqrd)	3		
(Reqrd math)			
MENG 5990 Thesis (Reqrd)	3		
MENG 5990 Thesis (Reqrd)	3		
Total Credits=		Final GPA=	